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U.S. DEPARTMENT OF LABOR  
Occupational Safety and Health Administration

Form Approved  
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# MATERIAL SAFETY DATA SHEET

JANUARY 1987

Required under USDL Safety and Health Regulations for Ship Repairing,  
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

Dms B24

## SECTION I

MANUFACTURER'S NAME <b>Koppers Company, Inc.</b>		EMERGENCY TELEPHONE NO. <b>412- 227-2000</b>
ADDRESS (Number, Street, City, State, and ZIP Code) <b>Pittsburgh, PA 15219</b>		
CHEMICAL NAME AND SYNONYMS <b>VINYL CO-POLYMER</b>		TRADE NAME AND SYNONYMS <b>VINYL TEXTURE FINISH</b>
CHEMICAL FAMILY <b>VINYL CHLORIDE - VINYL ACETATE</b>	FORMULA <b>L-770-66. HANSA YELLOW # 430</b>	

## SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS <b>ORGANIC HANSA YELLOW</b>		N/A	BASE METAL		
CATALYST			ALLOYS		
VEHICLE <b>VINYL CHLORIDE VINYL ACETATE</b>		5PPM 10PPM	METALLIC COATINGS		
SOLVENTS <b>SEE BELOW *</b>			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES <b>PROPYLENE OXIDE</b>		20PPM	OTHERS		
OTHERS					

  

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES			%	TLV (Units)
MEK	200PPM	MIEK		50PPM
TOLUOL	100PPM	2-ETHOXY ETHANOL		5PPM
N-BUTANOL	50PPM	N-BUTYL ACETATE		150PPM
ALIPHATIC HYDROCARBON	400PPM			

5392-1000 / 1543-8030

## SECTION III - PHYSICAL DATA

BOILING POINT (°F.)		SPECIFIC GRAVITY (H <sub>2</sub> O=1)	BS./Gal. 7.5
VAPOR PRESSURE (mm Hg.)		PERCENT. VOLATILE BY VOLUME (%)	80.0%
VAPOR DENSITY (AIR=1)	HEAVIER	EVAPORATION RATE (N-BUT-ACE. =1)	FASTER
SOLUBILITY IN WATER	NEGLIGIBLE		
APPEARANCE AND ODOR <b>YELLOW COLOR VISCOUS LIQUID WITH TYPICAL SOLVENT ODOR</b>			

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) <b>23 ° F T.C.C.</b>	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA <b>Foam, dry chemical, water spray fog or CO .</b>			
SPECIAL FIRE FIGHTING PROCEDURES <b>2</b> <b>Use air supplied equipment for enclosed areas. Cool exposed containers with water.</b>			
UNUSUAL FIRE AND EXPLOSION HAZARDS <b>Keep away from heat, sparks and flame.</b>			

## SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE 5PPM FROM VINYL CO-POLYMER AND 5PPM FROM SOLVENT VAPORS IN THE AIR

EFFECTS OF OVEREXPOSURE Systemic toxic effects may also result from skin absorption. Irritation to eyes, nose and throat near or above 5 ppm from vapors. Higher concentrations cause drowsiness, dizziness, followed by coma. Dangerously high concentrations could cause death from explosion or from breathing.

## EMERGENCY AND FIRST AID PROCEDURES

If inhaled remove to fresh air. If not breathing give artificial respiration. preferably mouth to mouth. Call a physician. In case of skin contact, wash thoroughly with soap and water; for eyes, flush immediately with plenty of water for 15 minutes and call a physician. Wash contaminated clothing before reuse. If swallowed, CALL A PHYSICIAN IMMEDIATELY. DO NOT induce vomiting.

## SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to avoid)			
HAZARDOUS DECOMPOSITION PRODUCTS			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

## SECTION VII - SPILL OR LEAK PROCEDURES

## STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove all sources of ignition (flames, electrical, static or frictional sparks, hot surfaces, etc.). Avoid breathing of vapors. Ventilate area. Contain and scoop up spills with non-sparking tools, rags, etc. Use inert absorbent materials on small spills or on residuals of large spills.

## WASTE DISPOSAL METHOD

Dispose of in accordance with local applicable regulations.

## SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) Organic vapor canister where oxygen content is adequate and vapor concentration is less than 2% or use air supplied face masks.

VENTILATION	LOCAL EXHAUST	X	SPECIAL
	MECHANICAL (General)	X	OTHER
PROTECTIVE GLOVES		EYE PROTECTION	
Neoprene Rubber Gloves		Goggles	
OTHER PROTECTIVE EQUIPMENT			

## SECTION IX - SPECIAL PRECAUTIONS

## PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep containers closed and upright to prevent leakage. Avoid flames, welding, smoking, sparks, open lights, etc. Avoid breathing of vapor or spray mist. Avoid eye and skin contact.

## OTHER PRECAUTIONS

Maintain good personal hygiene. Do not use in confined areas, tank or pit without adequate ventilation.